CUSTOMER No. 38107 AP3 Rec'd PCT/PTU Z 8 MAR 2005

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER PHUS030393US

| CON | CERNING A SUBMISSIO | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | | | | |
|---|---|---|---|--|--|--|--|
| | | | IONAL FILING DATE Der 10, 2004 | PRIORITY DATE CLAIMED September 30, 2003 | | | |
| TITLE OF INVENTION TARGET TRACKING METHOD FOR RADIATION TREATMENT PLANNING AND DELIVERY | | | | | | | |
| APPLICANT(S) FOR DO/EO/US Michael C. Steckner, Peter Boernert, Kay Nehrke | | | | | | | |
| | | | d/Elected Office (DO/EC | /US) the following items and other information: | | | |
| | | | | | | | |
| | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | |
| | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | |
| | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | |
| 4. 🔽 1 | The US has been elected (Article 31). | | | | | | |
| 5. | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | |
| | a. is attached hereto (required only if not communicated by the International Bureau). | | | | | | |
| | b. 🚺 has been communicated by the International Bureau. | | | | | | |
| | c. is not required, as the applic | ation was filed i | n the United States Receivi | ng Office (RO/US). | | | |
| 6. | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | |
| | a. is attached hereto. | | | | | | |
| | b. has been previously submitted | ed under 35 U.S | S.C. 154(d)(4). | | | | |
| 7. 🔽 | Amendments to the claims of the Inter | national Applica | ation under PCT Article 19 (| 35 U.S.C. 371(c)(3)) | | | |
| | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | |
| | b. have been communicated by the International Bureau. | | | | | | |
| | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | |
| | d. An have not been made and will not be made. | | | | | | |
| 8. | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | |
| 9. 🔼 | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | |
| 10 | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | |
| Items | 11 to 20 below concern document(s) | or information | included: | | | | |
| 11. 🔽 · | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | | | |
| 12. 🔽 | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | |
| 13. 🔽 | A preliminary amendment. | | CERTIFICATE OF EXPRESS MAI | | | | |
| 14. 🔲 | An Application Data Sheet under 37 C | FR 1.76. | Express Mail No. EQ 599366312 Date of Deposit March 28, 2006 | us | | | |
| 15. | A substitute specification. | | Mail* service under 37 C.F.R. 1.10 | fee is being deposited with the United States Postal Service "Express on the date indicated above and is addressed to the Commissioner for | | | |
| 16. 🔽 | A power of attorney and/or change of | address letter. | Patents, P.O. Box 1450, Alexandric Patricia A. Heim | cia a Heim | | | |
| 17. | A computer-readable form of the sequence listing in accordance with PCT Rule 13 <i>ter</i> .2 and 37 CFR 1.821- 1.825. | | | | | | |
| 18. | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | |
| 19. | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

20.

Other items or information:

Page 1 of 2

PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION | NO. (if known, see 37 CFR 1.5) | ATTORNEY'S DOCKET NUMBER | | | | | | |
|--|--|---|----------------------------|--------------------------|---------------|--|--|--|
| | 10/573727 | PCT/IB2004/05 | 1/41 | PHUS030393US | | | | |
| The following | fees have been submitted | CALCULATIONS | PTO USE ONLY | | | | | |
| 21. Basic nat | ional fee | | \$300 | \$ 300.00 | | | | |
| 22. Examinati If International prelim PCT Article 33(1)-(All other situations | inary examination report prepa 4) | \$ 200.00 | | | | | | |
| International S | ee .445(a)(2)) has been paid on the earching Authority Report prepared and provided to | \$ 400.00 | | | | | | |
| TOT | AL OF 21, 22 and 23 = | \$ 900.00 | | | | | | |
| Additional fee for sequence listing | specification and drawings filed or computer program listing filed or each additional 50 sheets of | 3 3 3 3 3 3 | | | | | | |
| Total Sheets Ex | | additional 50 or fraction up to a whole number) | RATE | | | | | |
| - 100 = | /50 = | | × \$250 | \$ | | | | |
| Surcharge of \$130.00 claimed priority date (| for furnishing the oath or decla 37 CFR 1.492(h)). | ration later than 30 months f | rom the earliest | \$ | ; | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | | | |
| Total claims | 15 - 20 = | 0 | × \$ 50 | \$ | | | | |
| Independent claims | 3 -3= | 0 | x \$200 | \$ | | | | |
| MULTIPLE DEPENDE | ENT CLAIM(S) (if applicable) | | + \$360 | \$ | | | | |
| 1 | | TOTAL OF ABOVE | CALCULATIONS = | \$ 900.00 | | | | |
| Applicant claims | small entity status. See 37 CFR | 1.27. Fees above are reduc | ced by 1/2. | | | | | |
| | Color Testa e Cit | | SUBTOTAL = | \$ 900.00 | | | | |
| Processing fee of \$13 claimed priority date (| 0.00 for furnishing the English 37 CFR 1.492(i)). | ranslation later than 30 mon | ths from the earliest + | \$ | | | | |
| | | TOTAL | NATIONAL FEE = | \$ 900.00 | | | | |
| | enclosed assignment (37 CFR er sheet (37 CFR 3.28, 3.31). | | st be accompanied + | \$ 40.00 | - | | | |
| | | TOTAL F | EES ENCLOSED = | \$ 940.00 | | | | |
| | | | | Amount to be refunded: | \$ | | | |
| | | | | Amount to be charged: | \$ | | | |
| a. A check in t | he amount of \$ | to cover the abo | ove fees is enclosed. | | | | | |
| b. Please charge my Deposit Account No. 14-1270 in the amount of \$ 940.00 to cover the above fees. | | | | | | | | |
| A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit | | | | | | | | |
| Account No. 14-1270 A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not | | | | | | | | |
| NOTE: Where an app | on this form. Provide credit coropriate time limit under 37 (| CFR 1.495 has not been me | | (37 CFR 1.137(a) or (b)) | must be filed | | | |
| and granted to resto | re the International Application | on to pending status. | 1 | | | | | |
| SEND ALL CORRES | PONDENCE TO: |) an Lun SIGNATURE | d- | | | | | |
| Customer Nui | mber 38107 | Thomas M. | Lundin | | | | | |
| | | Lunum | | | | | | |
| | | | | | | | | |
| | | ON NUMBER | | | | | | |

10/573727

Approved for use through 07/31/2006. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| CHANGE OF | | | | | |
|-------------------------------|--|--|--|--|--|
| CORRESPONDENCE ADDRESS | | | | | |
| Application | | | | | |

Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

| Application Number ICC' | 1907/PTO 2.8 MAR 2006 |
|-------------------------|-----------------------|
| Filing Date | herewith |
| First Named Inventor | Michael C. STECKNER |
| Art Unit | unknown |
| Examiner Name | unknown |
| Attorney Docket Number | PHUS030393US |

| Please change the Correspondence Address for the above-identified patent application to: | | | | | | |
|---|--|--------------|--|--|--|--|
| The address associated with Customer Number: | 38107 | | | | | |
| OR | | | | | | |
| Firm or Individual Name | | | | | | |
| Address | | | | | | |
| City | State | Zip | | | | |
| Country | | | | | | |
| Telephone | Email | | | | | |
| This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124). | | | | | | |
| Applicant/Inventor | | | | | | |
| | Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). | | | | | |
| Attorney or agent of record. Registration Number 48,979 | | | | | | |
| Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number | | | | | | |
| Signature Jan Lund | | | | | | |
| Typed or Printed Thomas M. Lundin | | | | | | |
| Date March 28, 2006 | | 440-483-4281 | | | | |
| NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below. | | | | | | |
| *Total offorms are submitted. | | | | | | |

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.